



Spring Convocation at Jubilee Auditorium

About 2,500 degrees in course and six honorary Doctor of Laws degrees will be granted at the University's Spring Convocation exercises at the Jubilee Auditorium, June 4, 5 and 6.

Honorary degrees will be given, on June 4, to Lieutenant-General E. L. M. BURNS, Canadian soldier and statesman, and DR. W. H. SWIFT, recently retired Chairman of the Universities Commission; on June 5 to DR. BARBARA MCLAREN, Dean of the Faculty of Food Sciences at the University of Toronto, and DR. R. W. B. JACKSON, Director of the Ontario Institute for Studies in Education; and on June 6 to DR. CECIL E. HALL, a pioneer

in electron microscopy, and CHARLES H. GRANT, a leading Edmonton lawyer and long-time exponent of improved motoring in western Canada.

On June 4, degrees in the Faculties of Agriculture, Arts, Science and Divinity will be granted. Graduates in the Faculties of Engineering and Education and in the School of Household Economics will receive degrees on June 5. On June 6, degrees will be granted to graduates in Law, Medicine, Dentistry, Graduate Studies, Medical Laboratory Science, Pharmacy, Business Administration and Commerce, Nursing, and Physical Education, (continued on page three)

Periodicals Department
Cameron Library

Staff news

DR. LEE LORCH, Professor of Mathematics, was elected Fellow of the Royal Society of Canada earlier this month. Dr. Lorch was Chairman of the Department of Mathematics at both Fisk University and Philander Smith College before coming to The University of Alberta. He attained the rank of Associate Professor in 1952. In 1962, he attained the rank of Professor. He is the author or co-author of more than thirty papers, including a forthcoming study of "An elementary converse problem in differential equations" in the *Canadian Mathematical Bulletin*.

IVAN L. HEAD, Professor of Law, has been elected to the Executive Council of the American Society of International Law.

He was the only Canadian elected to the 24-member Council, at the Society's Annual Meeting in Washington.

Professor Head is on leave of absence from the University this year, acting as Associate Counsel to the Minister of Justice for constitutional matters, in Ottawa.

A 15-minute videotape produced at the University has won first prize in the Canadian Medical Association Audio-Visual Aids in Education competition.

"The Anterior Pole of the Eyeball" was prepared and produced by DR. R. D. LAUREN-SON, Associate Professor of Anatomy, with the production assistance of DENNIS BOWER and JOHN SYCH. It was designed as a teaching aid to introduce the medical student to the concept of the living eye before he studied dissected samples.

Seven members of the staff have received Canada Council grants in support of a variety of projects in the social sciences and humanities.

DR. JOSEPH R. ROYCE, Professor of Psychology and Director of the Centre for Advanced Study in Theoretical Psychology, was granted \$20,000 in support of two separate research projects in psychology.

DR. PATRICIA RICHMOND, Assistant Professor of Sociology, has received \$10,950 for research on cultural and social influences on patterns of crime.

DR. ROBERT J. BUCK, Professor and Head of Classics, was granted \$7,360 to participate in archaeological excavations at a Roman site in Gravina, Italy.

DR. GERWIN H. R. V. MARAHRENS, Associate Professor of Germanic Languages, has been granted \$6,900 in support of literary re-

Campus parking report considered

By 1975 the University will require about 10,000 parking spaces on campus, according to a report, by Associated Engineering Services of Edmonton, received by the Board of Governors earlier this month. At present there are only 2,850 spaces.

The present situation will be alleviated somewhat by the use of cleared areas in North Garneau, but this will provide only temporary relief as the parking lots will give way to buildings already planned for the area.

The report considered a "park and ride" system as a possible long-term solution. In this system, drivers would leave their cars at some low-density parking area and travel to the University on an express bus. However, this is regarded as uneconomical because it involves the development of a rapid transit system by either the University or the Edmonton Transit System.

A special school bus service is another possibility, but it is also considered uneconomical.

The most viable solution, according to the report, is to use the land around Corbett Hall for parking, with a shuttle bus service operating regularly to the campus. The main problem here would be with the city's development of traffic arteries to accommodate the flow to and from Corbett Hall.

The report suggests that five travel lanes in one direction would be required on 88 Avenue at 109 Street; a minimum of three lanes in one direction on Saskatchewan Drive; three lanes in one direction on 82 Avenue, 114 Street and Groat Road; and similar developments on 112 and 110 Streets.

Among the other possibilities is the construction of seven parking structures at strategic locations on campus between now and 1975, the period in which the cleared

areas in Garneau may be used as a temporary solution. Restrictions on campus parking will probably be essential in any system.

The Board of Governors is now considering the proposals.

New proposal on parking fees

The Board Building Committee has given tentative approval to a proposal regarding traffic fees and regulations. The proposal will be presented to the Board of Governors at their June 14 meeting.

Parking and traffic regulations have been modified from those in the original proposal presented to the Board to take into consideration the suggestions and objections of the staff and students.

Provision has been made for the establishment of a committee to hear appeals on tickets. The Committee will be chaired by the Vice-President for Finance and Administration and will include representatives of

search on the treatment accorded modern German writings by British critics.

ANTHONY M. MARDIROS, Professor of Philosophy, has received \$6,098 for research on the esthetic theories of the British philosopher R. G. Collingwood.

DR. CHARLES A. S. HYNAM, Associate Professor of Sociology and Chairman of the Interdisciplinary Committee on Community Development, has received a Canada Council grant of \$3,189 to support his research into three Alberta community development projects.

DR. R. E. FOLINSBEE, Professor and Head of Geology, has been awarded the Centennial Medal "in recognition of valuable service to the nation." He is now on sabbatical leave under a National Research Council grant to study the lead-zinc deposits of the world.

(The Publications Office is attempting to prepare a complete list of persons associated with the University who were honored with the Order of Canada or the Centennial Medal. This information is not readily available from the Government of Canada. Staff members who were recognized, or who

are aware of others who were recognized, are asked to telephone the Editor.)

DR. T. E. KIEREN, Assistant Professor of Secondary Education, presented two papers at the annual meeting of the National Council of Teachers of Mathematics in Philadelphia last month. His topics were "Measures of Mathematics teachers' Effectiveness" and "The Computer as a Teaching Aid in Grade 11 Mathematics." Later in the month he presented a graduate seminar on computer oriented Mathematics at the University of Minnesota.

DR. D. C. FAIR, Associate Professor of Educational Psychology, has been invited by the Student Assistance Board to design and direct a research program on financial aid to students at the post-secondary level. An initial grant of \$25,000 has been allocated to the project for the year beginning May 1, 1968.

DR. DAVID FRIESEN, Associate Professor of Educational Administration, presented a paper entitled "Peer Group Relationships" to the Conference on Secondary Education at the University of Manitoba on May 11.

DR. H. W. ZINGLE, Associate Professor of Educational Psychology, is a co-author of *Decision Making*, which has recently been published by Holt, Rinehart and Winston.

DR. R. S. MACARTHUR, Professor of Educational Psychology, delivered a paper entitled "Some Differential Abilities of Northern Canadian Native Youth" to the International Biological Program conference. A shortened version of the paper has been published in the *International Journal of Psychology*.

DR. J. J. BERGEN, Associate Professor of Educational Administration, presented a

paper entitled "Attitudes of Mennonite students at The University of Alberta" to the Conference on the Urbanization of Mennonites in Canada, held at the University of Manitoba earlier this month. DR. DAVID FRIESEN collaborated in the study on which the paper is based.

Visitors

DR. DOROTHY HODGKIN, Nobel Laureate and Professor of Oxford University, spoke on "Applications of X-ray crystallography to Biochemical problems" at the University on May 24. Her visit was sponsored by the Department of Chemistry.

EDWARD G. GOODMAN of Pharmacia (Canada) Ltd. conducted a seminar on Sephadex Gel Filtration in the Medical Sciences Building on May 23. He was the guest of the Department of Biochemistry during his visit.

Muttart Foundation honors Dr. Collip

DR. GLADYS E. MUTTART, Vice-President of the Muttart Foundation, presented a gift of \$35,000 to DR. D. R. WILSON, Head of the University's Department of Medicine, earlier this month.

Dr. Muttart's letter of presentation stated that the gift is "payment for an electron microscope for the Department of Medicine, in recognition of the significant early medical research of the late DR. J. B. COLLIP."

Dr. Collip joined the University staff in 1915 as a lecturer in Physiology and Biochemistry and by 1920 had attained the rank of Professor and had published widely.

In 1922 he joined DR. BANTING and DR. BEST in Toronto at their invitation. When

FOLIO

The University of Alberta
Edmonton, Alberta

F. William Samis, Editor

Published for the academic staff and other interested persons by the University Publications Office, telephone 432-4201. Printed by the Printing Department.



AUTHORIZED AS SECOND CLASS MAIL BY THE POST OFFICE DEPARTMENT, OTTAWA, AND FOR PAYMENT OF POSTAGE IN CASH. POSTAGE PAID AT EDMONTON.

the Association of the Academic Staff, the Students' Union, the Graduate Students' Association, and the Civil Service Association, Branch 22.

Provision has also been made to provide parking facilities for special visitors.

The regulations will be recommended by the Board Building Committee with the understanding that they be subject to continuing review.

The proposed fees were set on a break-even basis, and reflect the view of the General Faculty Council that all parking facilities be financed by the users.

Reserved stalls will cost \$72 annually (\$10 per month) with plug-in, and \$60 annually (\$8 per month) without plug-in. A \$12 additional fee will be charged for a 24-hour stall.

Reserved zone fees will be identical with those for The University of Alberta Hospital, the Research Council of Alberta, and the provincial government in general. Zone fee with plug-in will cost \$48 yearly (\$6 per

month); without plug-in, \$36 yearly (\$5 per month).

In addition, academic staff, non-academic staff, and students are entitled to park in "peripheral" areas for a standard \$12 per year. "Peripheral" areas are those which are substandard because of location, surface, or temporary nature, and will include lots in North Garneau, the Lister Hall lot, certain areas near Corbett Hall, the lot near the Student Health Service Building, and, if available, the Jubilee Auditorium lot. The Auditorium management is unwilling to continue to make the lot available to the University at no charge. It has been proposed that an annual fee be levied for day use of the lot except when it is required for Auditorium purposes (about four days a year). No exact fee has been approved as yet; \$12 has been suggested, but is only an estimate.

Metered parking will be provided for visitors at a rate of 10c per hour, the same rate as that for The University of Alberta

Hospital.

In addition, there will be an annual fee of \$5 for motorcycles and scooters, and an alternate car fee of \$2 per year.

Parking will be free on Saturdays after 1 p.m., and all day Sunday.

Members of regular staff may arrange to pay the annual parking fees by means of monthly deductions from their pay cheques.



Dr. Banting and Professor J. J. R. MACLEOD were awarded the Nobel Prize for Medicine in 1925, Dr. Banting shared his portion with Dr. Best, and Dr. MacLeod shared his with Dr. Collip.

Dr. Collip's research at this University continued until 1928, when he accepted the position of Professor of Biochemistry at McGill University. He died in 1965.

Departments established in Physical Education

The Board of Governors approved the establishment of three departments within the Faculty of Physical Education at its meeting on May 3. The new departments are Recreational Administration, Physical Education and Educational Services. All three had previously been recognized as divisions.

Hospitality cards

We have been advised that several local airline and travel agency offices are not aware of the United States Government plan to make Hospitality cards available to foreign travellers, as announced in the last issue of FOLIO. We are making enquiries, and will advise readers when more details are available.

Convocation (continued)

and diplomas will be granted to graduates in Dental Hygiene, Nursing and Rehabilitation.

Lieutenant-General Burns is probably best known for his peace-keeping efforts during

the Israeli-Arab conflict during the 1950's, when he was appointed Chief of Staff of the United Nations Truce Supervision Organization and later of the United Nations Emergency Force, the first international police force.

He has since served as advisor to and representative of the Government of Canada at numerous international conferences on disarmament.

Dr. Swift was appointed Chairman of the Universities Commission when it was established in 1966. As such, he has presided over the Commission's duties as intermediary between the provincial government and the Universities of Alberta, Calgary and Lethbridge. He retired last April.

Dr. Swift received his Bachelor and Master degrees from The University of Alberta and his doctorate in education from Stanford University. His retirement caps a career of 40 years of distinguished public service.

Dr. McLaren was appointed Professor and Head of Household Sciences at the University of Toronto in 1953, and became Director in 1957 and Dean in 1963. She received her Bachelor of Science degree from this University and her graduate degrees from the Universities of Minnesota and Wisconsin.

Dr. Jackson received his Bachelor of Arts degree from The University of Alberta after teaching in rural Alberta elementary schools for two years. In 1937 he completed his Ph.D. at the University of London, and soon after joined the Department of Educational Research of the Ontario College of Education.

He is the author of two books and numerous articles on statistics, and has

served on several committees, including the Canadian Education Association Research Council, the Royal Commission on Education in Ontario and the Canadian Council on Research for Education.

Dr. Hall earned the degree of Bachelor of Science at this University in 1935, and went on to the University of Toronto where he became the first graduate student in Electron Optics and Electron Microscopy. In 1937, he constructed the first transmission electron microscope in the United States at the Eastman Kodak Research Laboratories.

He joined the faculty of the Massachusetts Institute of Technology in 1941, received his doctorate in 1947 and attained the rank of Professor. A charter member and past President of the Electron Microscopical Society of America, he has published about 80 papers and is the author of the textbook, *An Introduction to Electron Microscopy*.

Charles Grant was called to the bar of Alberta in 1910, of Saskatchewan in 1917, and of the Yukon in 1945. He was named King's Counsel in 1921. For 37 years he was the President of the Alberta Motor Association, which he founded. He has been active in several organizations, including the Edmonton Auto and Good Roads Association, the American Automobile Association, the National Parks Highway Association and the Canadian Good Roads Association.

Long a defender of justice in Alberta, he is perhaps best remembered for his action in 1936, when he obtained an Alberta Supreme Court injunction forbidding the City of Edmonton to accept what later became known as "funny money" as tax payment.

To study relations between universities and governments

Dr. Donald C. Rowat, of the Carleton University Department of Political Science, and Professor René Hurtubise of the Faculty of Law, University of Montreal, have been appointed as commissioners of a study of the relations between universities and governments in Canada. The study is being financed by a \$150,000 grant from the Ford Foundation. The steering committee is made up of representatives from the Canadian Association of University Teachers, l'Union générale des étudiants du Québec (UGEQ), the Canadian Union of Students, and the Association of Universities and Colleges of Canada.

Dr. Rowat was educated at the University of Toronto and Columbia University. He has taught at Dalhousie University and the University of British Columbia, before joining Carleton University in 1950. He has studied the governments of Western Europe, the ombudsman system in Scandinavia and the council of state in France.

Professor René Hurtubise studied at the Université de Montréal, and at Oxford. He was called to the Quebec Bar in 1958 and has been a member of the Université de Montréal Faculty of Law since 1960.

Writer sought for Publications Office

A permanent position is offered in the Publications Office for a mature, literate person, with a B.A. or equivalent, and perhaps an advanced degree. Professional writing experience, a knowledge of the University, and of publications production methods, are desirable qualifications. The candidate will write and edit material for official University documents, including the alumni magazine, the annual report, and assist with other aspects of publications work. The position may be of interest to wives of faculty members, or a graduating student. Applications may be made to the Personnel Office, Administration Building, 89 Avenue and 114 Street. Further information may be obtained from F. William Samis, Publications Officer, local 4201.

Postgraduate course in rheumatology

A postgraduate course entitled "Rheumatology, medical and surgical aspects" will be offered at the Banff School of Fine Arts and the Centre for Continuing Education, June 17, 18, and 19.

The guest speakers are DR. C. J. SMYTH, Professor of Medicine and Head of the Division of Rheumatic Diseases at the University of Colorado; DR. BERNARD ROGOFF, Department of Rheumatology at New York's Hospital for Special Surgery; DR. DENYS K. FORD, Associate Professor of Medicine at

the University of British Columbia; DR. HAROLD ROBINSON, Medical Director of the Canadian Arthritis and Rheumatism Society; and DR. DONALD F. HILL, President of the Holbrook-Hill Medical Group in Tucson, Arizona.

Fee for the course is \$50. The College of General Practice has approved the course for study credits up to a maximum of twelve hours. Details of accommodation arrangements for individuals or families are available from the University's Department of Continuing Medical Education.

An outdoor barbecue with western entertainment has been planned for Monday evening, June 17. Tickets will be available at the time of registration for an additional fee of \$6.00 per person.

Postgraduate course at Calgary hospital

A postgraduate course in "Lower extremity prosthetics and amputee training" will be offered from June 24 to June 28, and an "Upper extremity amputee seminar" will be offered on June 29, at the Calgary General Hospital in Calgary.

The guest speakers include surgeons and therapists from Toronto, Chicago, Winnipeg, Calgary and Edmonton, and members of the Faculty of Medicine and School of Rehabilitation Medicine at the University.

Fee for the Lower Extremity course is \$85, and for the seminar \$15. Registration is limited to 40 students for the course, and team applications will be given priority. The registration fee includes luncheons.

School short course and Trustees' seminar in Banff

The twenty-fourth annual School Short Course and Trustees' Seminar will be held at the Banff School of Fine Arts on June 6, 7 and 8. Registration begins at the School on Wednesday, June 5, at 7 p.m.

The conference supervisor will be D. A. BANCROFT, Associate Professor in the Department of Extension. Section chairmen will be F. J. DAWLEY, President of the School Business Officials of Alberta, and N. K. LEATHERDALE, President of the Alberta School Trustees' Association.

Details of accommodation and registration are available from the Director of the Department of Extension at the University.

Municipal Administration at Banff

The thirteenth annual Refresher Course in Municipal Administration will be held at the Banff School of Fine Arts on June 3, 4, and 5. Registration will begin at the School on Sunday, June 2, at 7 p.m.

Accommodation in the Banff School residences ranges from \$7.30 to \$10.80 daily, and includes room and board, and coffee three times a day. An additional charge of

\$1.25 to pay for the banquet will be collected from those who stay in the school residences; others will pay \$3.00.

Conference supervisor will be D. A. BANCROFT, Associate Professor in the Department of Extension. Section chairmen will be JOHN SKUBA, President of the Alberta Association of Municipal District Secretary-Treasurers, WARREN JONES, President of the Urban Secretary-Treasurers' Association, and A. W. MORRISON, Deputy Minister of the Department of Municipal Affairs.

All delegates and visitors will be charged a \$10.00 registration fee. Applications may be obtained from the Director of the Department of Extension at the University.

Garneau Tennis Club opens season

The Garneau Tennis Club opened its season last week with an invitational round robin tournament, followed by a tea.

The Club, located at 84 Avenue and 109 Street, maintains the only shale courts in the Edmonton area, and has lighting for night play. Coaching classes for both advanced and beginning members will be provided by the Club during the season.

Information regarding memberships and dues may be obtained from Dick Linke at 433-3854, or from the clubhouse.

New street addresses

Two campus buildings, previously "of no fixed address," have been given city street addresses to make them easier to describe, and locate.

President Walter H. Johns' residence is now 11515 Saskatchewan Drive.

The Faculty Club is 11435 Saskatchewan Drive.

Personal notices

Staff members may forward notices to reach the Editor two weeks prior to publication. They must be typed, and not exceed 35 words (including heading). Advertisements received will be published at the Editor's discretion.

COTTAGE FOR RENT—Semi-furnished cottage, lakeshore lot on Hastings Lake (east of Cooking Lake). No electricity or running water. Low rental. Contact Dr. E. O. Höhn, local 3449, or telephone 439-8354.

HOUSE FOR SALE—Five-year-old bungalow, three bedrooms, five-minute drive from University. Mortgage 6¼%. Telephone 434-3731.

WANTED TO RENT—Unfurnished four-bedroom house west of 99 Street, between Saskatchewan Drive and Whyte Avenue. Contact E. W. Kemp, local 4104 or telephone 466-0201.

WANTED TO RENT—Faculty member wishes to rent home in University area for one year. No children. Contact M. F. Bauer, Department of Economics, local 3306.

HOUSE FOR SALE—Bungalow with three bedrooms upstairs, two downstairs, near University in Belgravia. Large rumpus room with wet bar, three-piece bathroom downstairs. \$27,000. Contact Anton Melnyk, telephone 433-7636 after six p.m.

KITTENS FOR FREE—One male tiger and one black and white female, both entirely adorable. Contact Mrs. P. Taylor, local 4201 or telephone 433-3659.